

# EZ-View® Flow Meters

## For Oil and Water

- 1/2 to 1 inch ports
- EZ to install, in any position
- Polysulfone bodies for standard applications or Radel® R for more aggressive media
- No special piping or flow straighteners needed
- No electrical connections
- Direct reading indication
- Accuracy within 5% full scale
- Relatively insensitive to shock and vibration

### SPECIFICATIONS:

#### MATERIALS:

Polysulfone plastic body, piston and cone  
Radel® R plastic body and cone, polysulfone piston

#### COMMON PARTS:

**Spring:** T300-series stainless  
**Indicator Ring:** Buna N  
**Pressure Seals:** Buna N  
**Fittings:** C360 brass, PVC, or T303 stainless steel  
**Limit Indicators:** Polypropylene  
**Retaining Ring:** PH15 – 7MO stainless

#### OPTIONAL (consult factory):

**Spring and Retaining Ring:** Teflon® coated  
**FITTINGS/ THREADS:** NPT ANSI/ASME B1.20.1, BSPT ISOR7  
See Ordering Information Table, page 64

**TEMPERATURE RANGE:** +32 °F to +250 °F (0 °C to +121 °C)

**PRESSURE RATING:** 325 psi / 22.4 bar maximum

**PRESSURE DROP:** See Differential Pressure Charts, page 64

**ACCURACY:** ±5% of full scale

**REPEATABILITY:** ±1%

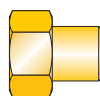
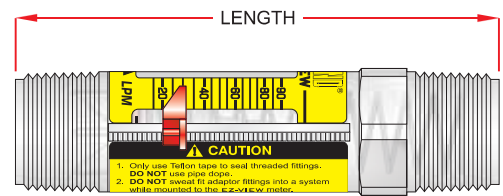
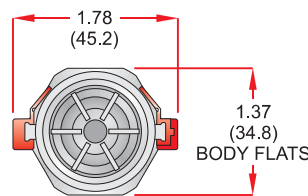
**DIMENSIONS:** See Ordering Information Table, page 64



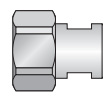
EZ-View with Polysulfone body



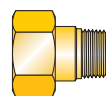
EZ-View with Radel® R body



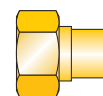
1/2" NPTF/BSPT female, swivel brass fitting



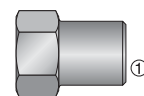
1/2" NPTF female, swivel T303 SS fitting



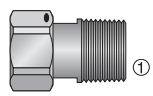
3/4" NPTF/BSPT male, swivel brass fitting



3/4" or 1" swivel, sweat brass fitting



1" nominal socket weld PVC fitting



1" NPTF male, swivel PVC fitting

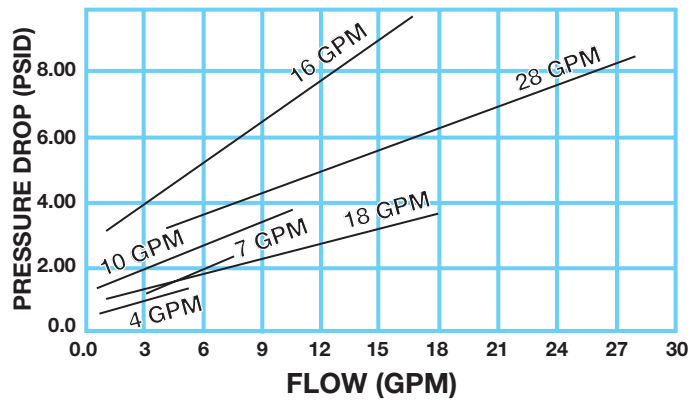
① Meters with Type 1 PVC fittings:  
Pressure rating per normal PVC system specifications  
Temperature range +32 °F to +140 °F (0 °C to +60 °C)

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Radel is a registered trademark of Union Carbide Corporation.

# EZ-View® Flow Meters

## For Oil and water

### OIL & WATER METERS



### Ordering Information

Fluid Media	Flow Range		1/2" NPTF female, swivel brass fitting	1/2" NPTF female, swivel T303 SS fitting	1/2" BSPT female, swivel brass fitting	3/4" NPTF male, swivel brass fitting	3/4" BSPT male, swivel brass fitting	3/4" or 1" ① nominal, swivel sweat brass fitting	1" NPTF ② male, plastic polysulfone fitting	1" nominal ③ socket weld PVC fitting	1" NPTF male, swivel PVC fitting	Material	
	GPM	LPM										Polysulfone	Radel R
Oil 0.876 s.g.	0.5 - 4	2 - 15	H624-104	H626-104	H627-104	H625-104	H630-104		H621-104	H628-104	H629-104	STD	-R
	1.0 - 7	4 - 26	H624-107	H626-107	H627-107	H625-107	H630-107		H621-107	H628-107	H629-107		
	1.0 - 10	4 - 35	H624-110	H626-110	H627-110	H625-110	H630-110		H621-110	H628-110	H629-110		
	1.0 - 16	5 - 60	H624-116	H626-116	H627-116	H625-116	H630-116		H621-116	H628-116	H629-116		
	3.0 - 18	15 - 65				H625-118	H630-118		H621-118	H628-118	H629-118		
4.0 - 28	20 - 100				H625-128	H630-128		H621-128	H628-128	H629-128			
Water 1.0 s.g.	0.5 - 4	2 - 15	H624-004	H626-004	H627-004	H625-004	H630-004	H620-004	H621-004	H628-004	H629-004	STD	-R
	1.0 - 7	4 - 26	H624-007	H626-007	H627-007	H625-007	H630-007	H620-007	H621-007	H628-007	H629-007		
	1.0 - 10	4 - 35	H624-010	H626-010	H627-010	H625-010	H630-010	H620-010	H621-010	H628-010	H629-010		
	1.0 - 16	5 - 60	H624-016	H626-016	H627-016	H625-016	H630-016	H620-016	H621-016	H628-016	H629-016		
	3.0 - 18	15 - 65				H625-018	H630-018	H620-018	H621-018	H628-018	H629-018		
4.0 - 28	20 - 100				H625-028	H630-028	H620-028	H621-028	H628-028	H629-028			
DIMENSIONS:	Length ④ in (mm)		7.75 (196.8)	7.75 (196.8)	7.75 (196.8)	8.25 (209.5)	8.25 (209.5)	7.75 (196.8)	5.25 (133.3)	8.46 (214.9)	8.86 (225.0)		
	Fitting Flats in (mm)		1.50 (38.1)	1.50 (38.1)	1.50 (38.1)	1.50 (38.1)	1.50 (38.1)	1.50 (38.1)	N/A	1.54 (39.1)	1.50 (38.1)		
	Weight lb (kg)		0.95 (0.43)	0.85 (0.39)	0.95 (0.43)	0.90 (0.41)	0.90 (0.41)	0.75 (0.34)	0.20 (0.09)	0.35 (0.16)	0.55 (0.25)		

① Fits 3/4" copper tube types K, L, M; 1" copper tube type M only

② DO NOT use pipe dope. Use Teflon® tape only. Use with plastic fittings only.

③ Fits 1" Sch 40/80 PVC, CPVC pipe. Requires 1" pipe coupling.

④ Length includes end fittings.

(example) Polysulfone Model = **H 624 - 104**

Radel® R Model = **H 624 - 104 -R**